GARBAGE MUST BE COOKED PROPERLY FOR VE CONTROL

Garbage feeders in Virginia now are cooking garbage for swine—but how many are doing it properly is open to question.

Veterinarians who are in charge of the eradication program of vesicular exanthema in swine in Virginia say there are some installations where the temperature of the garbage being cooked is not uniformly high enough to kill disease organisms. The situation can be corrected in many cases with relatively minor changes, such as reducing distance between steam pipes, spacing of holes, and stirring.

Costs for cooking equipment, labor, and fuel vary considerably according to the size and type of operation. A small feeder who cooks 25 pounds of garbage daily reported an equipment cost of $21. A larger feeder who cooks 6 tons daily had an initial cost of $2,800.

A publication, "Equipment for the Heat - Treatment of Garbage To Be Used for Hog Feed," gives details on design and use. It is available from Supervisor, VE Eradication, 1102 State Office Building, Richmond.

The 1954 General Assembly passed a law prohibiting the feeding of raw garbage to swine and requiring a $100 license from the Department of Agriculture in order to feed cooked garbage.

The veterinarians say this is cheap insurance. With the license fees, the garbage feeder gets smi-monthly inspection of his hogs, his premises, and his cooking rig to prevent the possibility of an outbreak of VE which could mean the slaughter and burial of his entire herd. The inspection service will eliminate the veterinary inspection before the sale of hogs, formerly required by the Department.

The cooking operation, properly done, will eliminate not only the virus of VE, but hog cholera, influenza, and other diseases, including trichionosis, so the feeder's losses should be reduced.

Cooking also makes garbage more palatable, and shoats can be started on straight garbage earlier.

INSECTS MAKING INROADS ON CORN

Heavy insect damage to late corn in several counties is reported by Arthur P. Morris, associate entmologist at VPI.

He says corn earworms, fall armyworms, southern cornstalk borers, and lesser cornstalk borers are severely damaging the crop in Amelia, Brunswick, Greensville, Dinwiddie, and Powhatan Counties.

Soybean growers, however, can relax a little. It is too late in the season for another brood of corn earworm larvae to do further damage.

The Mexican bean beetle is damaging late beans only in isolated spots of the truck crop areas.

Morris also warns that farmers should control lice, mange, and tick infestations on livestock now before cold weather. Animays will "winter better" if free of parasites.

A SQUARE MEAL AND SQUARE DEAL FOR CATTLE

(Submitted by Hubert H. Broyles—Forester)

Are you giving your cattle a square meal or are you letting them shift-for themselves in the woods which are very low in beef producing food? Cattle can obtain about 5 times as much food per acre from improved pasture as they can from the woodlot. Not only do the cattle get very little beef producing food from the forest but they do untold damage to the forest itself.

In grazing the forest, cattle will compact the upper layers of soil so that water which ordinarily soaks down into the soil runs off carrying good topsoil with it; water which is sorely needed in this day and time for our springs, wells and creeks.

This water is also lost to the trees growing in the forest. Not only do the cattle compact the soil, they trample and eat desirable tree reproduction such as yellow poplar white oak and pine.

So let's give our cattle a square meal and our forest a square deal by putting the cattle on improved pasture and fencing them out of our forest.

Chick Chats

Placing good pullets in a well-built laying house is a fine start toward profitable poultry raising .. but it's only a start. Management inside the laying house can make the profits either large or small.

A short time after the flock has been housed, start culling the non-layers. Rely on your own observations if ascientific method such as trap-nesting is not used. Watch for color of the beak, shanks, and eye rings. If the bird is laying, the yellow pigment should begin to disappear.

Observe the vent for a clue to the bird's production. If it is large, and moist and faintly bluish, the bird is laying. If the vent is shrunken, dry and yellowish, the bird is not producing.

There should be 20 nests for every 100 birds. Keep the nesting materials clean. Eggs should be gathered, preferably in wire baskets, at least 3 times a day.

Provide at least 40 feet of feeder space and a 5-gallon waterer per 100 birds. Follow a regular feeding schedule closely and do not make sudden changes in your feeding program.

Artificial lights should be used to provide layers a 12 to 14 hour working day. Make sure the light bulbs are clean. The time clock should be adjusted regularly to conform to the steadily shortening days of natural light.

Build up the laying house litter to at least 6 inches. Be sure it is deep before cold weather arrives. Old built-up litter will stay drier than new litter. Stir the litter prequently to keep it loose.

The poultry house should be well ventilate d.. perhaps using a fan will help. Proper ventilation will do much to prevent damp litter. Also watch for drafts which might lead to respiratory troubles.

Don't forget that rats will be moving into winter quarters shortly and will be looking for food. Start a rat control program. Also check birds for lice and mites. Give the flock regular worming treatments.

Make friends with your newly-housed pullets. Successful control of poultry diseases and parasites depends to a great extent on prompt diagnosis and this, in turn, depends on early recognition of irregularities in the flock. By being alert for signs of trouble you have a chance to avoid serious setbacks.

MARKET HOGS AT WEIGHT OF 180 TO 200 POUNDS

Market your hogs at weights of 180 to 200 pounds. Animal husbandmen at VPI say that unless your feed program is extremely economical, additional pounds will mean less profits.

The specialists also say to select the very best gilts out of your market hogs and breed them to replaec some of the older, off-type, poor-producing sows in the herd. When selecting gilts, keep in mind weight for age, good meat type, trim jowl and shoulder, trim straight underline with a least 12 well-spaced teats, and straight, sound feet and legs.

And what about runt pigs? Some are runts because they've inherited slow-growth characteristics. Others result from poor feeding.

Feed sows a good gestation ration with enough protein, vitamins and minerals, along with home-grown grain. Feed sows a balanced sow-and-pig supplement during lactation, and creep-feed nursing pigs a balanced ration.

Pen litters according to age so older pigs won't rob the younger ones. Control external and internal parasites. Then, if in spite of all these precautions, you still have runts, pen them separately. Buy, or have mixed, a highly fortified ration that includes extra antibotics and vitamin B 12, and other vitamins such as riboflavin, niacin and pantothenic acid. Feed this free choice until the runts have gained the proper weight.

LITE-FARM EQUIPMENT CAMPAIGN IS NOW UNDERWAY IN VA.

A campain to promote greater rural highway safety in Virginia by reflective lighting of farm equipment is now underway.

Reflective tape is now available through several county Farm Bureau agents to 4-H club and FFA chapter members throughout the state and the club members are beginning a selling campaign.

The tape when applied makes farm equipment easily seen at night and helps avoid accidents. The club and chapter members will actually apply the tape to the equipment.

The campaign is being sponsored in Virginia by the State Rural Safety Council, which points out that although most new farm tractors are now being equipped with lights both front and rear, there are about 37,000,000 pieces of unlighted farm equipment already on American farms and roads.

Stonewall

Stonewall, Oct. 12.- This, being Columbus Day, some folks will have a holiday.

We sure had a big frost last week and killed all the late gardens, and, oh my, it was cold.

We had a big crowd up at the Stonewall Community Center last Thursday night to hear our beloved Congressman, Watt Abbitt. He made such a wonderful talk. Everybody enjoyed it. Hope he will visit us again real soon.

Mr. and Mrs. Clyde Carson and daughter, Anne spent the week-end in Kingsport, Tenn. with Mr. and Mrs. Cantrell Smith and to see their new granddaughter, Little Nancy Jean Smith, who is now 6 weeks old.

Mr. and Mrs. J. E. Chick, of Spout Spring visited Mr. and Mrs. E. L. Chick on last Wednesday.

Mr. and Mrs. Kemp Nixon, of North Carolina and Aubrey Lee Burnette, of Crewe spent the week-end with Mr. and Mrs. J. Rufus Burnette.

The W. S. C. S. of the Bethel Church will meet with Mrs. L. B. Thomas on Wednesday of this week.

The young folks of Bethel and Trinity churches met at Bethel Church on Sunday night for their meeting together. They had a wonderful crowd and a good meeting.

We are sorry to know that Mr. and Mrs. George Jennings and family will soon move to North Carolina to make their home. We will miss them so much.

Mr. and Mrs. Parks Jennings and daughter, Frances spent Sunday in Richmond with relatives.

Mr. and Mrs. Lester Carson visited her home folks on Saturday night.

Mr. and Mrs. E. L. Chick and Mr. and Mrs Henry Beard visited Mr. and Mrs. Clayton Drinkard and Mrs. W. H. Drinkard on Sunday evening.

Lawrence Beard stopped at Mrs. B. D. Stratton's for a R. A. meeting, with Mr. Cox in charge.

Rev. Randolph Martin preached at Bethel Church on Sunday morning to a large crowd, in the absence of the pastor, the Rev. F. J. Wingfield.

DEAL DEATH BLOW TO LAWN WEEDS

Deal a death blow to lawn weeds now and bluegrass will have a chance to fill in the bare spots before weed growth starts next June.

John M. Amos, associate plant pathologist at VPI, says recent rain has made weeds grow fast, so they are easy to kill with 2,4-D at this time. It readily kills broad-loaf weeds such as dandelion and plantain. The 2,4-D comes under many trade names. Most of them are used for spraying, although some may be applied dry.

He advises users to thoroughly wet the foliage when they spray weeds; and to follow the manufacturer's recommendations for mixing the spray. Be sure there is no wind blowing when you spray weeds. Weed spray drifting on flowers shrubs, or evergreens may damage or even kill them.

It's best to use a separate sprayer for weed spraying. Residue in a weed sprayer may kill flowers shrubs or vegetables if the is ued on them next year.

Intelligent clipping and f tion is the easiest way to he weeds out of lawns. Fertilizin this fall will thicken the gr cover bare spots. There's n to reseed bare spots unless t larger than one foot in dia

Clipping bluegrass lawns than 2½ inches weakens the stand and encourages weed The food of plants is produ the leaves through the action light. The more leaf area have, the more food they p the more roots they develop the stronger the plants will b

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Two Virginia Boys Win Honors at FFA Convention

City, Mo., Oct. 13 (Spec- Two of the five National FFA for outstanding achievements went to Virginia boys at annual national convention Future Farmers of America night. Virginia's national a- winners are:

Lawrence, 17-year-old son and Mrs. B. A. Lawrence, of County and a student at Clay High School, Ashland, declared winner of FFA's Soil and Water Management Award.

S. DeHart, 16, son of Mrs. Carl DeHart, of student of Rocky Gap High who won the national award Mechanics.

youth received a $250 cash The awards are sponsored Future Farmers of America tion, Inc., an organization by businessmen of the na- terested in the work and of farm youth.

Virginia farm youth honor- Kansas City tonight previous- won state awards of $100 the Virginia FFA Conven- V. P. I. in June.

National Winner, FFA Soil Water Management Award Wilbur Lawrence, Ashland

take top place in the national Water Management award, Lawrence helped to bring into a high state of produc- 114 acre farm that neigh- thought was a hopeless cause years ago when the family it.

cleared scrub trees from 27 of land, leveled 30 acres with dozer, opened and cleaned 550 ditches, and installed a com- drainage system on 12 acres. pasture which he estab- on 35 acres, using a legume- mixture is kept productive by program of fertilizer ap-

has applied 35 tons of 75 tons of limestone, and of manure on 70 acres of pasture land. The farm now furnishes pasture and hay for 47 head of good Angus beef cattle.

Two farm ponds were built to furnish water for livestock and to provide sport and recreation. Wilbur stocked the ponds with fish, and fertilized the borders to promote rapid growth of the fish. He leaves borders of grain in the fields for wildlife food. His record also includes improvement of the permanent woodland on the farm by planting pine seedlings in vacant spaces, cutting out and removing undersirable undergrowth, and establing fire lanes around 10 acres.

Wilbur's farming program in vocational agriculture this year consisted of 12 acres of alfalfa, 20 acres of oats and barley, 47 head of beef cattle, 75 laying hens, 20 acres of pasture, and 20 acres of woodland.

A 1954 graduate of the Henry Clay High School at Ashland, he has served as vice-president of the Ashland FFA Chapter, is a group leader in the "Keep Virginia Green" campaign, and is active in church work.

National Winner, FFA Farm Mechanics Award, Raymond S. DeHart, Rocky Gap, Bland County

Raymond DeHart, a 1954 graduate of the Rocky Gap High School in Bland County, Virginia, has gained wide experience in farm mechanics in his classroom training and on his home farm. He recently completed in the school shop a tractor, powered pressure sprayer for use in controlling weeds on his home farm and has entered the machine in the national welding contest of the Lincoln Welding Foundation. In addition, Raymond has built a milk can rack, hog troughs, calf feeders, chicken feeders, tool racks, water stand for power grinder and a post treating vat. He has reconditioned a tractor trailer, a hay loader and did extensive repair work on a heavy crawler tractor and bulldozer.

His father, Carl M. DeHart, formerly operated a large sawmill on the home farm. A few years ago the DeHart family turned the more than 200 acre home farm into a "Grade A" dairy enterprise, building a milking parlor, general livestock barn and adding a hay drying outfit. Raymond materially assisted in the construction and the installation of all conveniences and improvements connected with dairy operations. He also assisted in construc- He also assisted in the construction of a trench silo, milking parlor, milk room, chicken house, general livestock barn and an upright silo.

Raymond was active in the repair of farm machinery and equipment as well as farm buildings. He performed repair and maintenance jobs on the electric milkers, hay drier, hay hoist, two tractors, farm trucks, lime spreader, grain drill, hay loader, chain saw, corn binder, and tractor equipment. The repair of the brooder house, hog house and general livestock barn was a part of his farm mechanics program. He assisted in the installation of the farm water supply, hay drier, milkers, barn lighting, inside bath, and house lighting fixtures.

During his work in vocational agriculture and the expanding farming operations on his home farm, DeHart has learned to operate all equipment found on the average farm. In connection with his part in the farming activities Raymond owns a garden tractor, garden plow, garden cultivators, pressure tractor weed sprayer, tractor trailer and water cooling stand for use in the home farm shop with the power bench grinder. The student owns a part interest in a tractor trailer, a tractor cart, a disk, mowing machine and a farm pickup truck.

He has added many improvements to his home. Both electric and acetylene welders are standard equipment in the home farm shop. Also included are a chain hoist, battery charger, power grinder, air compressor, electric drills, electric saw and a complete line of hand tools. Raymond has purchased many of the hand tools and other equipment for the home shop which plays an important part in keeping the farm machinery and equipment in good repair.

Inventories of 1954 model cars are low. Most dealers have unloaded their surplus. Car buyers won't find as many bargains available in new cars as there were a few months back. —Chnging Times.

Temperature drops to low point of the season, but still no rain.

ACCENT ON PERSONAL THRIFT GROWS IN U. S.

One of the striking developments in the American economy in the last few years has been the growing accent on personal saving and the intensive promotional efforts being made to expand it.

Not only is saving being encouraged on all sides, with beneficial effects on the size and coverage of the security cushion the people have voluntarily built up against the economic impact of death, disability and retirement. More opportunities have likewise been provided for the average person to put something aside, what with life insurance and other thrift institutions, the Federal Government (with its Saving Bonds), and the investment fraternity all promoting the advantages of thrift to the individual and to the nation at large. In so doing, they are competing with each other and with the business world for a share of the personal income dollar.

With all this competition, however, there is quite general agreement and realization that, as far as the average individual is concerned, a thrift program should be based on life insurance for family protection and cash in the bank as a reserve for emergencies.

These voluntary savings of the people have been playing a dynamic role in the American economy and its progress as well as broadening the base of personal security. Government figures show that about $335 billions have been invested in new homes, plant and equipment etc., from the end of 1945 to date. A large part of these funds came from the savings of the people.

The latest developments in savings are in keeping with the best traditions of our free enterprise system and the competitive basis of our society. They are an outgrowth of the great increase in average personal income over the last decade and a half and the increased margin over necessities now enjoyed by millions of American families and individuals And they have been a big factor in the current peacetime thrift record established by the people at large and in the fact that more people now have some savings than ever before.

U. S. Department of Commerce figures show that personal savings in the first half of this year added up to just under $21 billions at a seasonably adjusted annual rate. This was the equivalent of nearly $1 out of every $12 of personal spendable income after taxes for the period. Both figures are the highest on record except for some of the World War II years when conditions were an abnormal stimulus to savings.

The figures likewise disclose that savings have been showing a greater rate of growth than have consumer spending or personal income as a whole, particularly in the last few years. The savings total so far this year, for example, was 72 per cent greater than for the year 1950, compared with gains of 23 per cent for spendable personal income and 19 per cent for consumer expenditures in the period. With all this savings gain, however, both the general standard of living and total consumer spending are at record levels, testifying to the extraordinary potential of the American economy.

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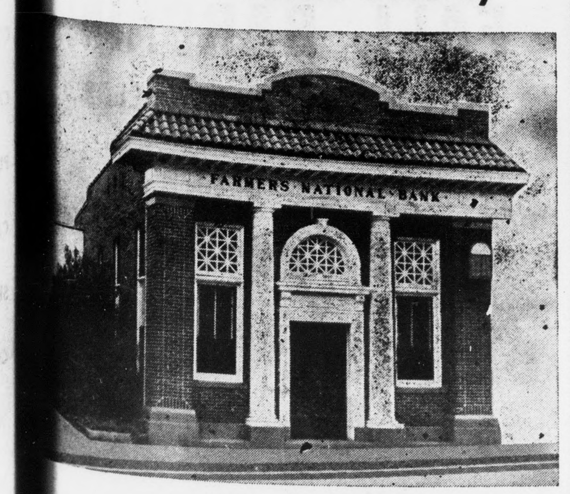

There's no better advice for any person than to save regularly! That's the sure way of making your future free from worry ... and of having the things you want from life. Whatever your income, start the habit of saving a certain amount each pay day. Your savings will earn our regular rate of interest and you'll be amazed at how fast your account will grow. Stop in today and open your account.

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